Australia UNLIMITED

AUSTRALIAN BLOCKCHAIN MISSION TO CONSENSUS 2019

12-16 May 2019



Australian Government

Australian Trade and Investment Commission



FOREWORD

Australia continues to play a leading role in the development of global blockchain standards, applications, and innovation across a number of industry sectors. With a robust regulatory framework, a rapidly growing start-up ecosystem, progress towards a national open data framework, and resilient energy and financial services sectors, Australia continues to cement itself as an innovative adopter of new technologies.

Australia's blockchain sector has continued to mature over the past 12-months. Notable developments include:

- The Commonwealth Bank of Australia and Data61 exploring how 'smart money' could address the challenges of managing the National Disability Insurance Scheme payments to both insurance recipients and service providers;
- Mission participant, Civic Ledger, using smart contracts to transfer over 50,000 patent applications in under 40 minutes; and,
- Swinburne University and Capgemini announcing a new global Blockchain Centre of Excellence in Melbourne to undertake research-based thought leadership, strategic innovation, and education across multiple industry sectors.

Australia's competitive advantage lies in the diversity of the local ecosystem which is generating innovative solutions across a broad spectrum of industries – from real-time payments to agricultural supply chains, smart contracts, and identity management.

For the third consecutive year, Austrade has partnered with the Australian Digital Commerce Association, to present this Mission to Consensus 2019. Austrade remains committed to promoting the talent and potential of Australia.

With support from the Department of Industry, Innovation and Science, we are able to showcase the best, and most innovative partners from the Australian blockchain ecosystem.

We again welcome you to connect with our delegation and look forward to opportunities to work together in the future.



Nicola Watkinson
General Manager,
The Americas, Australian Trade and Investment Commission (Austrade)

PARTNER



Australian Digital Commerce Association (ADCA)

Company Profile

Identity – Who Is ADCA?
ADCA is the industry body that represents Australian businesses participating in the digital economy through blockchain technology. ADCA's membership totals almost 100 Australian companies and includes large corporates, digital currency exchanges, blockchain-centric start-ups and advisory and consulting organisations.

Purpose
ADCA aims to encourage the responsible adoption of blockchain technology by industry and governments across Australia as a means to drive innovation in service delivery across all sectors of the economy.

Vision
ADCA aspires to see an Australia that leads the world in the adoption of blockchain technology that has transformed the economy and society to achieve significantly greater competitiveness, efficiency, service quality, social engagement and employment.

Key Activities
ADCA's key activities include:

Industry Networking

- Formal and informal networking opportunities linking together participants in the blockchain ecosystem across Australia and around the world.
- Regular blockchain industry roundtables on key topics of interest

Education

- Blockchain Bootcamp that allows leaders of businesses and other organisations to assess – and begin planning for – the implications and potential of blockchain technology for their industry sector and their own organisation.
- APAC Blockchain Conference is Australia's premier blockchain conference with over 500 participants in 2018.

International Promotion

- ADCA has a formal MOU in place with Austrade to partner to promote Australia's blockchain capability internationally
- ADCA is represented on the Standards Australia IT-041 Technical Committee on Blockchain and Distributed Ledger Standards
- ADCA has led blockchain business delegations to Consensus in New York and to the Wanxiang Global Blockchain Conference in Shanghai in 2017 and 2018

Regulatory and Policy Outreach

- ADCA helped encourage the formation of the Parliamentary Friends of Blockchain
- ADCA launched and manages the Australian Digital Currency Industry Code of Conduct that sets best practice standards for digital currency exchanges operating in Australia
- ADCA has a working group developing Token Industry Data Security Standards
- ADCA has a working group on Tax
- ADCA has a working group on Token Standards

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MISSION PARTICIPANTS



A Backbone Computing Solution

Company Profile

HANSdb is the first instance of an auditable, efficient, self-scaling security and privacy platform. A type of distributed ledger technology, HANS facilitates shared private data.

Once your data is entered, you can share it with whomever you choose and it cannot be edited, hacked, or lost.
A bonus feature: no user names, passwords or private keys.

HANSdb stores, processes and shares high quality data and doesn't allow trivial output of private data.

What's the value of shared private data?

You don't know me. I value my privacy. All my personal information is stored in HANSdb. Only my first name and junk@email are public.
If I invite you to subscribe to my information, you can use, but not see, whatever I have shared with you. You can use HANS in an app or integrated into your OS. If you want to call my mobile, your phone asks HANS to connect you to my mobile, the telco takes care of the rest.

If our mobile numbers are "shared secret", that means, I know it's you, but we don't see each other's phone number.

We can't give or sell it to anyone else. Privacy is maintained and there's repeatable value in that privacy.

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AEM Technologies

Company Profile

AEM is the next generation of accounting system, which is built specifically for blockchain. AEM focusses on financial process innovation and provides first fully automated accounting system for alternative currencies. Seamless conversion of transactions to equivallent monetary value means that data can be easily extracted into any accounting software package or custom edited by the user. In this way financial reporting becomes streamlined and effortless.
AEM automates capturing of cryptocurrency transactions for accounting purposes by extracting information directly through the blockchain.
By providing an integrated accounting tool AEM gives business and individuals an easy way to convert between FIAT and crypto for financial reporting purposes. With data traced to each transaction block information becomes easy to access, verify and restore. AEM focuses on maximising efficiency and stays compliant with the Taxation Office reporting standards and makes accounting effortless.

AEM empowers businesses and individuals operating with cryptocurrencies by providing a system specifically adapted to their needs. It effectively reduces the cost of accounting through automation. The middleware solves the issue of duplicate entry and slow reconciliations by introducing direct flow of information from the wallet address to the designated accounting system. Integration between cryptocurrency wallets and FIAT based accounting software means that businesses are able to transact with alternative currencies and separately store their accounting data.

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Blockchain Collective

Company Profile

Blockchain Collective is a leading blockchain education body empowering enterprise, educators and students for a future in blockchain and distributed ledger technologies. They service the growing demand for qualified and skilled people in the application of blockchain, worldwide. Their education is aligned to meet industry need of understanding the strategic approach to applying blockchain and DLT to new and existing businesses.

Blockchain Collective's courses consist of one and five day workshops, course content integrated into existing higher-education degrees in applicable industries, and the Australian Skills Quality Authority (ASQA) accredited 10747NAT Advanced Diploma of Applied Blockchain.

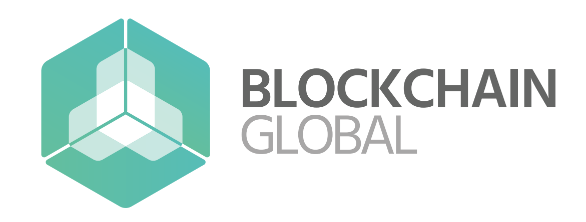
The 10747NAT Advanced Diploma of Applied Blockchain consists of eight modules and two optional non-core modules. It's complexity covers topics such as analysing performance of a business model deployed on blockchain, to preparing an organisation for transitioning operations to a blockchain network.

There has been immense growth in interest of the applications of blockchain and distributed ledger technologies, and industry research shows a lack of skilled people in this field. Blockchain technology has been recognised for its ability to drive productivity, and offer transparency, security and validity. Blockchain Collective's education is designed to equip graduates with the knowledge and experience to apply blockchain frameworks into business.

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Blockchain Global

Company Profile

Blockchain Global is a multi-national enterprise which focuses on the commercialisation of blockchain technology through international blockchain investments, blockchain innovation hubs, auditing and network infrastructure services. The company has advised governments in Australia, Montenegro, Pakistan and Cambodia towards the enactment of blockchain regulations, in addition to having invested more than $300 million in 80 blockchain-enabled companies and developed a myriad of publicly listed companies such as DigitalX (ASX: DCC), a blockchain solutions company providing digital asset management and technical development services, and Path Corporation (TYO: 3840), a leading Japanese blockchain-enabled fintech company primarily engaged in e-commerce.

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Block8 Technologies

Company Profile

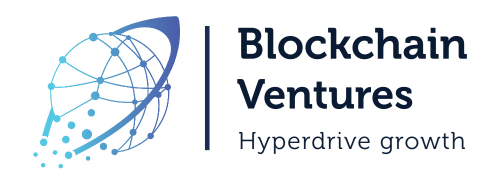
Block8 Technologies was founded in 2016, with the goal of building the next generation of the internet. Block8 is a solution-first software and product development company, specialising in using distributed ledgers, including blockchains. We partner with both enterprise and startups and bring a professional and reliable technical and product development capability to take ideas from zero to one.

Our capabilities include software development, product management, distributed systems architecture, infrastructure/security, crypto-economics and network token design. Our core technology pillars include Ethereum, Corda, RedBelly Blockchain and DAML. Our technology pillars are the most powerful and flexible technologies in each of their design domains, enabling Block8 to implement the right technology to satisfy privacy, performance, security and regulatory requirements for any project use case.

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Blockchain Ventures

Company Profile

Blockchain Ventures is a close-ended fund that invests in cryptocurrency and digital assets, including through primary market token offerings and token sales to achieve target returns. The Fund will also invest in the equity of predominantly Australian blockchain technology companies through an Australian-based venture capital limited partnership to strengthen the fund's access to cryptocurrency and digital asset investment opportunities.

The fund has access to token offerings and other cryptocurrency and digital asset investment opportunities, many of which are exclusive or proprietary deals, through the management team's global business operations involving the whole value chain in the blockchain industry.

This includes token sales advisory, a crowdfunding platform, cryptocurrency exchange, cryptocurrency development, cryptocurrency payment platform and a cryptography research lab provided jointly by Monash University, Hong Kong Polytechnic University and Shanghai Jiaotong University. Key risks are managed through a due diligence process that applies the deep cryptocurrency trading experience of the fund's management team. The fund's portfolio includes ELF, Deepbrain Chain, NPXS, IoTeX and Arcblock amongst others.

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CircularTree

Company Profile

CircularTree is helping organizations achieve and sustain responsible, efficient and compliant supply chains and products.

Driven by our mission to enable sustainable innovation and production for generations to come, we are using blockchain technology to digitalize high-risk, high-demand resource value chains and enable supply chain ecosystems to jointly tackle their economic, social, and environmental responsibilities with high efficiency.

CircularTree is part of the project SustainBlock (https://www.sustainblock.org), a responsible mineral supply chain system that combines real-time traceability, provenance, and due diligence in the same solution. Focused on minerals sourced from Conflict-Affected and High-Risk Areas (CAHRAs), SustainBlock is supported by the European Partnership for Responsible Minerals (EPRM) whose members include Apple, Samsung, Intel, and Fairphone, amongst others.

Beyond the mineral supply chain, CircularTree is working with partners and customers on removing barriers to recycling and reducing the environmental and economic impacts of production including emissions, energy, and toxic chemicals.

Melbourne- and Berlin-based CircularTree is a member of the iPoint Group, the world's foremost provider of enterprise sustainability and compliance solutions which serves more than 50,000 organisations worldwide, many of which are US-based Automotive, Electronics, and Aerospace corporations.

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Civic Ledger

Company Profile

Civic Ledger is a scaling and award winning civic-focused emerging Australian technology start up.

We create secure and trusted market platforms and amplify civic outcomes to create new offerings and generate new economic activity by delivering great digital experiences for citizens.

Civic Ledger is an acknowledged domain expert on digital technologies in government. We have worked with the Australian and state governments in developing several products including blockchain-based digital issuance of civic entitlements, securing of registries, cognitive trading platforms, Know Your Customer, Identify Validation Services and Digital Wallets. Civic Ledger's input on digitalisation of government services and related topics is sought by bodies such as the Australian Government's Digital Transformation Agency and Data61, World Economic Forum, the OECD and the Water Economic Forum.

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CollinStar Capital

Company Profile

CollinStar Capital is an Australian venture capital firm specialising in FinTech, blockchain and cryptocurrency investments. The company complies with Australian financial services laws and is the authorised representative under AFS license number 483761. Compliance is at the forefront of Collinstar's priority.

Established in 2015, CollinStar Capital has now become Australia's and one of the world's leading blockchain and cryptocurrency investment firms. CollinStar Capital was an early investor in many emerging cryptocurrencies, including Bitcoin, Ethereum and Litecoin.

We have been involved in the launching of projects operating within the blockchain infrastructure, and established our cloud computing centre, along with other assets.

Since the end of 2016, CollinStar Capital has provided venture capital to dozens of early blockchain projects which have been distributed all over the blockchain industry.

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Darwin Ledger

Company Profile

People are naturally conservationist and take an active interest in nature from an early age. The popularity of Steve Irwin and David Attenborough illustrated our ongoing interest in human interaction with life on Earth. However, it has been difficult, if not near-impossible for the general public to contribute meaningfully to science.

To date mobile technology has allowed anyone to snap a great photo of an interesting bird or species of fish, but that is where it used to end. Thankfully, recent advances in blockchain's distributed ledger technology will allow everyone to contribute.

Our tools have been designed to allow anyone to contribute to science whether as a formally trained scientist like me or a nature lover like my mother. Now, you can instantly upload your sighting; have artificial intelligence confirm the species, location, date and time; then preserve the record in the blockchain, an open source IMMUTABLE database – all while earning tokens for your efforts.

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DigitalX

Company Profile

DigitalX is a blockchain and cryptoasset finance company with offices in Perth, Sydney and New York. The company offers advisory services for new token offerings, asset management focused on technology, including blockchain and cryptoassets, blockchain development and media services.

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Enosi

Company Profile

Enosi Australia Pty Ltd has built a bi-directionally energy trading Platform that will accelerate the ‘prosumer’ lead clean energy transformation. With household PV, battery storage and EVs we are all becoming prosumers, producing and consuming energy. The Platform allows “Neo Retailers” to offer their communities peer-to-peer trading of rooftop solar, direct energy from wind and solar farms, fractionalisation of clean energy assets such as solar farms, embedded finance and host of other services.

These services will facilitate decentralised energy that is fundamentally cheaper and cleaner with provenance built in. The new protocols underlying the Platform will give consumers choice, transparency and control. Currently the Platform is configured for Australian regulatory environment, requiring no regulatory changes and no changes to the existing grid infrastructure. Enosi has launched in Australia, a deregulated and highly innovative energy marketplace, to grow the user base and refine the business strategy before taking the Platform global.

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Flex Dapps

Company Profile

Flex Dapps is a sharp tech consultancy and dapp (decentralised application) development studio in Melbourne Australia. We're friendly, curious, and most importantly honest.

We work with world class clients to build proof of concepts and MVPs utilising decentralised technologies like blockchains.

Flex has a strong software engineering background, our entire team have been nerds since their early years. If you're looking for an engineeer-first web3 company, you don't need to look any further.

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FinTech Australia

FinTech Australia

Company Profile

FinTech Australia is a member-driven organisation that is building an ecosystem of Australian Fintechs to advance the global economy and culture. It aims to build a strong community, foster connections while supporting innovation and regulation that members require. Above all else, FinTech Australia exists to be the voice of the Australian fintech community.

FinTech Australia collaborates with stakeholders to create the best possible regulatory environment, and by fostering an ecosystem of supportive partners and networks so fintech companies can thrive and grow in Australia. It is also an active driver of policy development in the emerging fintech space.

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GEORA

Geora

Company Profile

Geora is a commercial blockchain protocol for agriculture. Founded by a team of farmers and technology experts, we provide digital infrastructure to trace, trade and finance global agri-supply chains. We aim to create a world where farmers and agribusiness are financially empowered, and new value can be created along the supply chain.

Our open source technology helps our community bridge the gap between fundamental technical components and their application to real world use cases. Through both assisted and self-onboarding programs, Geora is helping our community of technology companies and agribusinesses be more efficient, sustainable and secure.

› **Integrate**
Seamless integrations with applications, devices and hardware.

› **Secure and shared**
Create secure and shared digital records of physical commodities.

› **Open**
Open source library of workflows and smart contracts designed for agri-supply chains.

Geora originated as a workflow inside AgriDigital. Since 2016, AgriDigital has been a world leader in the application of blockchain technologies to agriculture supply chains. Geora is the outcome of over three years spent testing and piloting blockchain conducted with leading agriculture organisations. AgriDigital remains the first customer of the Geora protocol and a guiding member of the Geora community.

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Hcash

Company Profile

Founded in 2017, Hcash is Australia's first public blockchain project. Hcash is a Blockchain ecosystem, aiming to facilitate the transfer of information between Blockchains and non-Blockchains (i.e DAGs) while creating a highly efficient, private and secure method of storing and transferring tokens, by using two interlinked chains – the upgraded HyperCash (HC) chain and HyperExchange (HX) chain.

The HCASH ecosystem consists of two chains that include the HyperCash (HC) main chain and the HyperExchange (HX) chain that is derived from the main chain but will work towards bridging communication between blockchains including BTC, ETH and others, and non-blockchains such as DAGs. HC main chain is featured with Post-quantum signature, PoS+PoW hybrid mining mechanism and provide tokens for HyperExchange.

Further, HCASH will develop ASIC resistance, HAILP (HCASH AI Lighting Protocol) and other features. Ongoing upgrades and implementation to occur on the back of research from Monash University. Our chief Scientist Dr. Joseph Liu was awarded the 2018 ACS ICT researcher of the year award.

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InfiniGold

Company Profile

InfiniGold is an Australian Fintech startup, originating out of the Capital Markets CRC, that has developed a platform for the digitisation of gold and other precious metals.

Together with The Perth Mint, one of the largest gold refineries in the world, InfiniGold has developed and is operating GoldPass®, a full-service gold investment platform that digitises Perth Mint gold and gives investors the ability to securely buy, store and sell physical gold via digital certificates.

All GoldPass® digital certificates are 100% backed by physical Perth Mint gold with the weight and purity of every ounce guaranteed by the Government of Western Australia.

GoldPass® is a closed system, but as part of a new InfiniGold product, InfiniGold is aiming to tokenise GoldPass® digital certificates.

Combining The Perth Mint's expertise, scale and quality in gold production and storage with InfiniGold's experience and excellence in capital markets, regulatory compliance and digital currency technologies, InfiniGold are creating a token that brings unprecedented efficiency, security, reliability and trust to investments in physical gold on the blockchain.

This new token will be the first institutional grade digital gold on the public blockchain – connecting the traditional financial markets with the digital asset markets.

InfiniGold's vision is to improve the efficiency and transparency of the global gold market and to disrupt the current trading practises which are largely dominated by opaque OTC trading of institutional investors.

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Labrys Group

Company Profile

Labrys is a bespoke software services company based in Brisbane, Australia, specialising in building blockchain applications for web, desktop and mobile platforms. We work with individuals, start-ups and SMEs across an array of industries, including FinTech, Supply Chain, Healthcare and Government to design and build innovative solutions to modern business problems. Some of our recent work includes successfully launching a blockchain-based unlisted securities and investments registry for our client; the platform is currently live with over $150 million worth of securities and investments trading on it. Other work includes the launch of a national identity management system for the Solomon Islands Government, which is currently used by government across the country.

With all design and development taking place in-house from our Brisbane office, we employ industry best practices to ensure project success and to produce modern software of the highest quality. Beyond software development, we also extend our services to include consulting, product/architecture design and project management, bringing a holistic approach to client engagement. Leveraging the team's unique skills and expertise, we work closely with clients to discover how they can best utilise blockchain and emerging technologies to gain business advantage in their industry.

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Lakeba Group

Company Profile

Established in 2013 by entrepreneur Giuseppe Porcelli, Lakeba Group has developed a unique 'reverse incubator' business platform intuitively designed to rapidly conceive, create, and commercialise innovative technology solutions on a global scale.

A global business, headquartered in Sydney, with teams across Italy, USA, UK and Singapore, the company has taken a first mover advantage delivering solutions incorporating the latest emerging technologies such as blockchain, artificial intelligence, and machine learning across a multitude of industries.

Lakeba has the cultural mindset of a highly agile incubator and is inherently flexible in the way it responds to market forces. Having the ability to efficiently crack the blueprint for a technology solution, at completion of the proof of concept stage, Lakeba circles back to the client to partner with them to implement the solution into their business. This level of partnership means Lakeba desires the success of the solution as much as the organisation Lakeba is building these for.

With a range of blockchain solutions across key verticals, and one of the nation's largest blockchain development teams, Lakeba has invested significantly in the growth and embrace of Blockchain.
'We believe innovation can change the world.'

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Loki

Company Profile

Loki successfully completed a private sale early 2018, raising 9 Million USD. Our team has grown from 4 to 20 employees over an 8-month period, hiring multiple highly skilled developers in Australia and abroad. We build privacy-centric tools for the internet, using blockchain technology as a backbone for our network.

Loki is a privacy network which will allow users to transact and communicate privately over the internet, providing a suite of tools to help maintain the maximum amount of anonymity possible while browsing, transacting and communicating online. Using the decentralised nature of blockchain technology, Loki creates new private and secure methods of interacting with the internet, as well as building privacy-centric applications, such as messaging services, forums, online marketplaces, and social media platforms.

Thanks to our hard-working team, we have reached nearly all of our goals to date and have multiple exciting milestones expected over the coming 6 months, such as Loki messenger, Lokinet and Snapps.

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LAG Foundation

Company Profile

The LAG Foundation is an Australian based non-for-profit entity created to promote and develop secure communication and transaction technologies for the benefit of the general public.

Our primary project is the Loki Project, a blockchain enforced onion routing protocol that allows users to securely transmit and receive data and cryptographic tokens without malicious actors having insight into user activity or data.

Primarily, we administer the Loki Governance Block Reward, a 5% cut of the Loki blockchain's rewards system that is intended to be used for the development of the project and the advancement of privacy tools for everyone. We accept funding proposals for this purpose, and also actively engage companies and individuals to further develop the project.

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Matrixthread

Company Profile

Matrixthread is a fast-growing emerging technology solution provider with specific focus on Distributed Ledger Technologies, Machine Learning and Artificial Intelligence.

Matrixthread's service offerings include Application Development (Web and Mobile), Cloud (AWS and Azure), Blockchain (Ethereum, Hyperledger, NEM , BigchainDB, Storj) and Machine Learning.

Founded in 2016, Matrixthread has several completed projects/ products in both Public and Private sectors.

- Identity Management (Completed Dec 2018 I Private) – A fully integrated blockchain based identity solution platform was built and deployed for one of our biggest clients. Our scope included web, mobile application, API developement and backend with micro services architecture.
- HR and Payroll Solution (Completed Mar 2019 I Private) – World's first DLT enabled HRMS and Payroll solution having 800+ implementations in the Asia and Middle Eastern market.
- Energy market settlement (Completed Oct 2018 I Public) – Our public sector client explored the use of blockchain in settling energy trading. We were the sole provider who performed the PoC with full design-build-deploy process of enabling the government agency to achieve their vision in utilizing Blockchain for energy settlements.
- Scratch Cash (Completed Aug 2018) – Platform to enable retail customers to gift crypto for the near and dear ones. Our motive is to increase the adaption of crypto currency and enable businesses to tokenize any assets and distribute through our channel partners.
- SortR (On Going) – Recyclables incentivization platform with IOT integration for waste management value chain. Primary target being local government entities and recycling businesses.

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Nem Foundation

Company Profile

Blockchain technology offers a fundamentally streamlined method of maintaining a secure ledger of transactions compared to a traditional database. NEM's blockchain platform was designed and coded from the ground up for scale and speed. And its revolutionary consensus mechanism and Supernode program ensure that NEM's open, public blockchain can grow without ever compromising throughput or stability.

NEM's modular Smart Asset system enables businesses to build an incredible variety of real world application uses. By using NEM's built-in features to define Smart Assets and connect them together, NEM can represent almost any system of business transactions on the blockchain with minimal development.

The NEM Foundation's business' ethos is to provide NEM's blockchain technology platform to enhance enterprises whilst being community oriented and revenue focussed. The NEM Foundation team provides this to a diverse range of verticals and ecosystem partners. From education, to consulting, to private chains, the Foundation provides support for all, while staying true to its three main goals of transparency, good governance, and focus on the community.

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Novatti Group and Flexepin

Company Profile

Novatti is an award-winning global provider for software technology, utility billing and payment services. Novatti's robust and efficient software solutions include Digital Wallets, Branchless Banking, Bill Payments, Remittance Services and Voucher Management Systems. Novatti's transaction processing services offered within the Group include Flexepin, a cash voucher service operated by Flexewallet and used by Cryptocurrency Exchanges world-wide, Chinapayments for bill payment services and Vasco Pay a prepaid reloadable Visa card. In November 2018, Novatti applied to APRA for a Restricted Authorised Deposit Institution (RADI) licence. Through becoming an official anchor on the Stellar Network, Novatti provides the first digital Australian dollar NOV1AUD1 stable coin.

All transactions occur in the form of a credit issued by anchors, which act as a bridge between existing fiat currencies and the Stellar Network. Held in trust by Novatti, one Novatti AUD Utility Token will always be equivalent to one Australian dollar.

From the recently announced IBM World-Wide Network, Novatti is now a founding member and utilised the Stellar blockchain network as its base network. By connecting to the World-Wire network, Novatti now has access to a single unified network for foreign exchange and cross-border payments clearing and settlement built on blockchain technology and the Stellar public protocol.

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ODMOB Lawyers

Company Profile

ODMOB Lawyers is a specialist IT law firm that concentrates on crypto-blockchain matters.
The ODMOB Lawyers founder (Dr. Adrian McCullagh LinkedIn profile) has degrees in Computer Science, Law (Hons) and a Ph.D. in IT security which he obtained at the Information Security Research Centre at QUT. His research covered digital signatures, hash algorithms and their legal implications.

Adrian has practiced IT Law for more than 30 years. He has during the period provided commercial advice to IT start-ups, multinational corporations, and all 3 tiers of government (Federal, State and Local). Adrian has also worked extensively in Securities law and is conversant with the regulatory framework which impacts ICOs and digital tokens in Australia as well as monitoring other jurisdictions.

He is a member of the ISO TC 307 (Technical Committee) and recently provided advice to the Australian Federal Department of Treasury on how to better regulate ICOs in Australia. He has advised 6 organisations that have issued an ICO and is presently advising 2 organisations wanting to establish a digital currency exchange in Australia. Adrian still researches IT law matters and has published in refereed journals in the USA, UK and Australia; lately on blockchain (SSRN Adrian McCullagh)

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Pellar Technology

Company Profile

Since 2017, Pellar has been providing end to end blockchain solutions to financial institutions, corporations and governments globally.

We have developed our own blockchain, implementing a hybrid of PoW and pBFT consensus. Our blockchain is able to process over 20,000 transactions per second. On a daily basis we process over 10 million transactions network wide.

Using our blockchain, we have built banking, payment and exchange solutions. We have also developed STO capabilities enabling securities issuance, asset tokenization and factional trading. We provide these capabilities as a managed service where we take care of scalability, security and performance.

We believe all significant transactions will be stored on blockchain, let us empower you in the global evolution of data.

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Power Ledger

Company Profile

Power Ledger is a fast growing tech startup that's developed a world-first blockchain enabled energy trading platform to make energy markets more efficient.

We have received global recognition for our technology including winning Sir Richard Branson's international Extreme Tech Challenge in 2018. In addition to recognition for the company, our co-founder Dr Jemma Green is a global finalist in the EY Entrepreneur of the Year Awards in 2019.

Power Ledger's proprietary software is currently being used in several countries around the world including Australia, Thailand, India, Japan and the United States. With a team comprised of some of the world's leading energy and blockchain experts, we continue to challenge ourselves to create a world powered by renewable energy.

We want to make it easier and cheaper for people to choose energy from renewable sources. Energy markets have failed to keep pace with the advancements in solar technology and battery storage. We saw the need for an energy trading platform that would facilitate the buying and selling of renewable electricity generated from rooftop solar panels and trading energy stored in batteries.

Power Ledger has also developed a fractionalised funding mechanism for renewable energy assets to encourage the proliferation of green energy.

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Secure Health Chain

Company Profile

We are a group of Australian Doctors, building Australia's first blockchain based health passport. SHC will allow patients to have one single source of truth for all their health data regardless of the source. Our patients tell us that too often they do not have all their information when they see a Doctor, leading to inefficiencies and needless delays. SHC solves this problem by being a mobile first health record, protected by the military grade encryption offered by blockchain technology.

Our tech is 100% built by talented Australian developers using the latest languages and to the highest standards. We are HL-7/FHIR compatible and will be HIPPA compliant also, allowing you to rest easy knowing that your precious health data is kept safe.

We have signed partnership agreements now with General Practice, Pharmacy, Surgeons and Australia's largest Skin Cancer group.

We believe that your health data is your most precious asset and that Doctors should be leading the innovation to ensure the best outcome for our patients.

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Image Chain

Company Profile

Image Chain has been founded by two Australian Doctors that wish see a fairer, more transparent marketplace for valuable medical data. Currently most people's data is being sold to third parties without any knowledge or consent from the patient.

Not only will we be requiring consent for each packet of data to be placed onto the marketplace, but we will also for the first time, facilitate value flowing back to the patient's wallet each time it is purchased.

Our blockchain backbone creates an immutable record of each transaction to make sure the patient is paid each time their data is being sold. We have a signed partnership with Australia's largest corporate Skin Cancer group and have completed our MVP build.



Sempo

Company Profile

At Sempo there's a simple, but radical idea that we find particularly inspiring: one of the best ways to help vulnerable communities is to just give them money, no strings attached. Cash Transfers bring dignity to affected people, and solve a fundamental problem with humanitarian relief – too often, we spend millions of dollars on the wrong kind of aid.

In Iraq, 70% of Syrian refugees have sold the aid they were given, in order to buy what they actually need.

We're on a mission to help all aid organisations, from grassroots to international, to increase their usage of cash transfers as a tool to alleviate suffering, provide dignity and ultimately increase long-term self-sufficiency.

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Sharper Minds

Company Profile

SharperMinds.ai was established in 2018 by a small group of technology leaders, who were frustrated by the failure of businesses to realise the fullest benefits of contemporary technologies. They decided to forge a new path, leveraging emerging technologies as a means of disruption – unsettling and reimagining traditional models and approaches to generate new markets and opportunities.

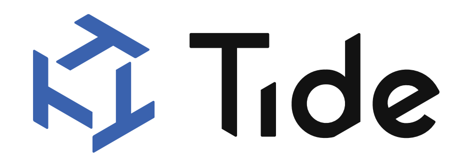
Their approach is based on the principles of social anarchism and aims to generate products which reconceptualise how humanity addresses its challenges. This has led to the formation of two product streams within the organisation: the first leveraging Blockchain and Smart Contracts, and the second exploring the practical uses of Artificial Intelligence. In both instances these technologies are reconceived in useable and accessible ways so they can be implemented seamlessly into daily life.

SharperMinds.ai is committed to developing and sustaining an ecosystem of organisations and individuals driven by similar goals and ideals. This ecosystem emphasises the importance of collaborative thinking and interdisciplinary methodologies. By engaging members from across a variety of backgrounds and disciplines, SharperMinds.ai is empowered to drive change well beyond a single industry and location. SharperMinds.ai unites capabilities to push the current boundaries of technology for the sake of real social benefit.

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Tide

Company Profile

Tide is led by a seasoned team of innovators, technologists, entrepreneurs, pioneering politicians, academics and global media agency heads. The Tide Protocol is open source infrastructure helping businesses solve the data privacy challenges they face today, and future proofing them for tomorrow.

Data breaches are now an all too frequent occurrence, costing organizations billions and individuals their property, safety and privacy.

The introduction of privacy legislation like the GDPR, which carries fines of up to 4% of global turnover for mishandling personal data and has resulted in an average annual compliance expenditure of $16m per annum for a fortune 500 company.

What was once a critical asset for a business, holding sensitive data is now increasing becoming a liability. Yet the demand for data only continues to grow.

With ground-breaking blockchain technology allowing for seamless mainstream user interaction, Tide enables businesses to protect the sensitive consumer data they hold and utilize or trade it in a secure, privacy centric and permissioned based framework that protects them from data breaches and eases compliance.

Their consumers have certainly over the fate of their data and share in its monetization.

Third parties can access previously unattainable consumer insights and be assured of its integrity.

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TravelbyBit

Company Profile

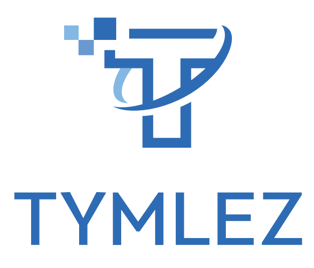
TravelbyBit is an online travel booking platform built for the blockchain generation.
We help travellers experience the world using digital currencies like Bitcoin.
We are the first all-in-one website that enables both flight and hotel bookings paid with digital currency.

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TYMLEZ

Company Profile

TYMLEZ believes the evolution of technology is constant and that digital transformation should not mean massive disruption within organizations. With that in mind, TYMLEZ provides a containerized enterprise grade blockchain solutions platform which is designed to enable businesses to accelerate the design, development and deployment of highly scalable blockchain applications and to push forward their digital transformation agenda.
The current customer base comprises various sectors like government, legal, transport, healthcare, telecommunications, hospitality as well as large non-profit organizations.

The TYMLEZ enterprise blockchain solution platform also enables our partners, like consultancies and solution providers, to design and build integrated solutions to accelerate the adoption and development of blockchain technology and digital solutions which significantly magnify the value of their solutions and services portfolio.

TYMLEZ was founded in The Hague in April 2016 where it won two Dutch Government blockchain use case projects plus were finalists and award winners in the Nokia Innovation Challenge held that same year. TYMLEZ is represented with offices and partners in the USA, EMEA and Asia. Since December 2018 TYMLEZ has been a publicly listed company at the Australian Securities Exchange (ASX).

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UCOT Australia

Company Profile

Founded in 2017, UCOT Australia is dedicated to helping companies build and grow blockchain-based smart IoT ecosystems. It has developed an enterprise-level platform solution based on the blockchain, Internet of Things and 5G NB-IoT, which has been applied in the fields of degree anti-counterfeiting, food traceability, wine identification, asset tracking, and cold chain logistics.

UCOT's cross-chain blockchain design will establish a trust channel and cooperation mode between enterprises in the same platform so that the supply chain can be formed from the line to build a three-dimensional supply chain system with high efficiency, security, low cost and easy management. The current products are UTracer (listed on the App Store), UTMS, and NB-IoT Box.

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We You Me

Company Profile

We You Me is a decentralised social media protocol.

Our vision is social media with a positive purpose.

Following in the footsteps of one of the most used DApp's we're a graphene based protocol, with a built in decentralised exchange, and fiat gateway providing the first opportunity for You, and Me to monetise our social media activity, and spend what we've earnt in the old world.

WeYouMe is Created & Governed by We, Chosen by You, Rewarded by Me

Owning your own data, choosing whether or not you monetise it, choosing whether you would like advertising or not or even sharing your friends feeds are all components of WeYouMe on launch.

We currently have our testnet/alpha http://alpha.weyoume.io we'd love your input/feedback and it'd be historic to have everyone make a post on this mission for us.

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XS2 Exchange

Company Profile

XS2 Exchange is a crypto exchange and information site focused on transparency. XS2 is the only centralised exchange that provides a live proof of solvency. To help customers stay informed XS2 provides a newsfeed from hundreds of sources and in-depth information about thousands of coins and tokens.

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ABOUT AUSTRADE

The Australian Trade and Investment Commission (Austrade) is the Australian Government's international trade promotion and investment attraction agency.

We deliver quality trade and investment services to businesses to grow Australia's prosperity.

We help companies around the world to identify and take up investment opportunities in Australia as well as to source Australian goods and services. Our assistance includes:

- providing insight on Australian capabilities
- identifying potential investment projects and strategic alliance partners
- helping you identify and contact Australian suppliers.

To discover how we can help you and your business visit austrade.gov.au and follow us on

Twitter: @Austrade / @AustradeUSA

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